port industrial automation GmbH / Regensburger Straße 7b / 06132 Halle / Saale

Tel: +49 345-77755-0

Press contact: Dietmar R. Franke (CEO)

eMail: [service@port.de](mailto:service@port.de)

[www.port.de](http://www.port.de) / [www.port-automation.com](http://www.port-automation.com) / [www.system-on-module.com](http://www.system-on-module.com)

**PRESS RELEASE**

SPI driver and SPI driver development for Renesas Electronics R-IN32M3 (RY9012A0) industrial ethernet module

The Renesas R-IN32M3 (RY9012A0) industrial Ethernet module is a "ready to use" RJ45 module PROFINET - EtherNetIP - EtherCAT solution, which offers a simple interface via SPI to the host controller. The module can be docked to a variety of MCU / CPU platforms, provided they have an SPI.

port industrial automation GmbH already offers a number of different drivers for download. At the customer's request, additional SPI drivers can be offered or created for a wide variety of CPU / MCU platforms.

SPI drivers for STM32F, RENESAS RL78, RENESAS Synergy S and LINUX drivers are currently available. The range of SPI drivers is constantly expanding.

Furthermore, port industrial automation GmbH offers a PRE-CERTIFICATION service for PROFINET, EtherNetIP and EtherCAT to accompany development.

* **More about PRE-Certification Test here:** [**https://www.port.de/en/services/pre-certification-test.html**](https://www.port.de/en/services/pre-certification-test.html)
* **More about Renesas R-IN32M3 (RY9012A0) industrial Ethernet module:** <https://www.renesas.com/us/en/products/interface-connectivity/industrial-ethernet/multiprotocol-communication/r-in32m3-industrial-ethernet-module-certified-multiprotocol-industrial-ethernet-solution-profinet-and-ethernetip>



**about port** **GmbH**  
port is a leading supplier of industrial real time communication technologies like CANopen and Industrial Ethernet including the PROFINET, EtherNet/IP, EtherCAT POWERLINK, CC-LinkIE TSN, and TSN protocols. port GmbH has been located in Halle/Saale since 1990.  For more than five years port has successfully provided Industrial Ethernet Technology such as PROFINET, EtherCAT, POWERLINK, EtherNetIP and CC-LinkIE TSN. port offers stacks, tools, workshops and integration support as well as custom hardware and software development, including manufacturing of electronic devices and systems.

***Keywords:* Renesas R-IN32M3 (RY9012A0) Industrie-Ethernet-Module, EtherCAT, PROFINET, EtherNetIP, RENESAS RIN32M3, RY9012A0, embedded PROFINET, embedded EtherCAT, embedded EtherNetIP, PROFINET Module, EtherNetIP Module, EtherCAT Module, PROFINET Certification, EtherNetIP Certification, EtherCAT Certification**